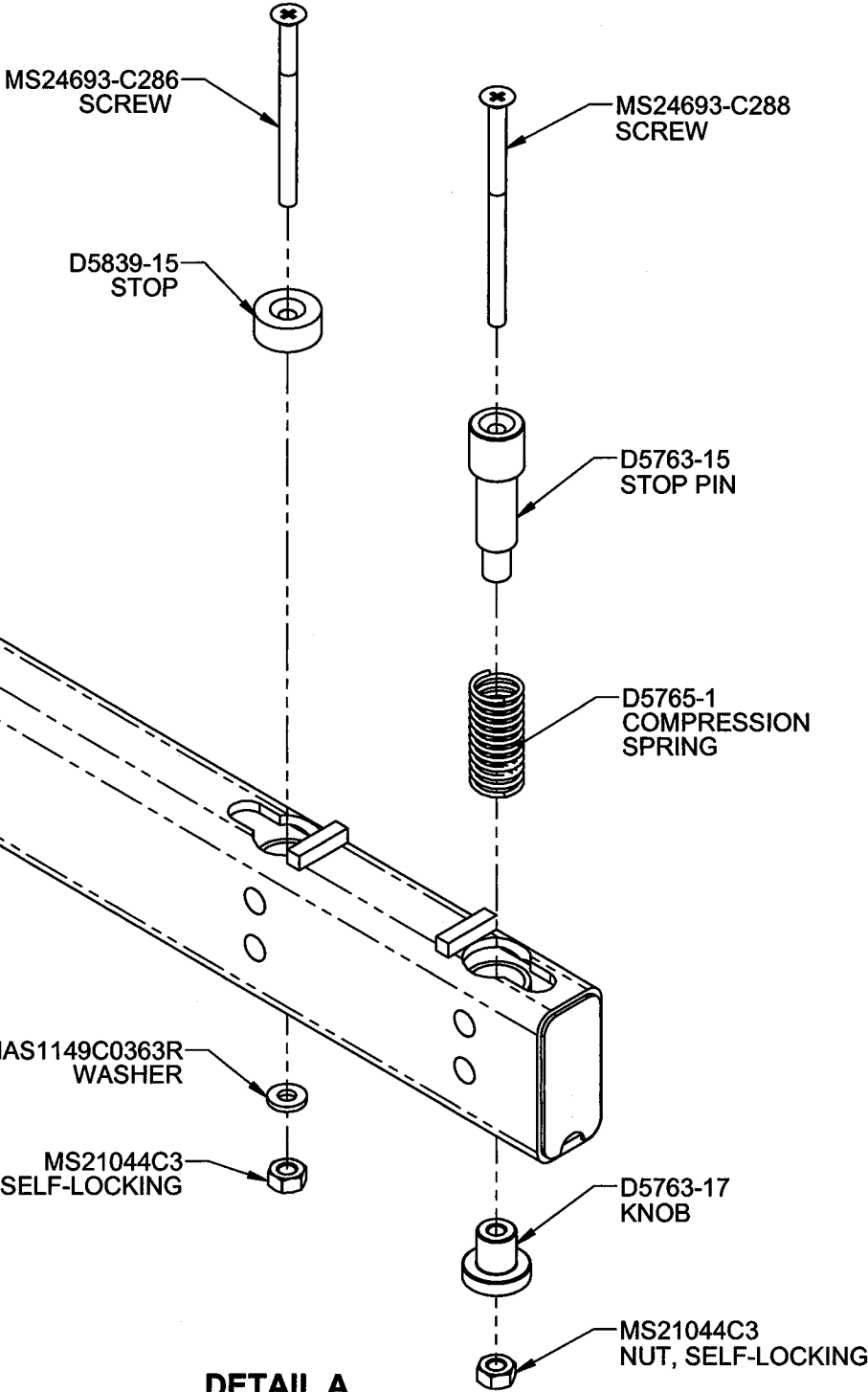


QTY -044	QTY -042	P/N	DESCRIPTION
	X	D5839-042	FORWARD BEAM ASSEMBLY
X		D5839-044	AFT BEAM ASSEMBLY
	1	D5839-052	FORWARD BEAM WELDMENT
1		D5839-054	AFT BEAM WELDMENT
1	1	D5839-15	STOP
1	1	D5763-15	STOP PIN
1	1	D5763-17	KNOB
1	1	D5765-1	COMPRESSION SPRING
1	1	MS24693-C286	SCREW
1	1	MS24693-C288	SCREW
2	2	MS21044C3	NUT, SELF-LOCKING
1	1	NAS1149C0363P	WASHER



DETAIL A
SCALE 4X

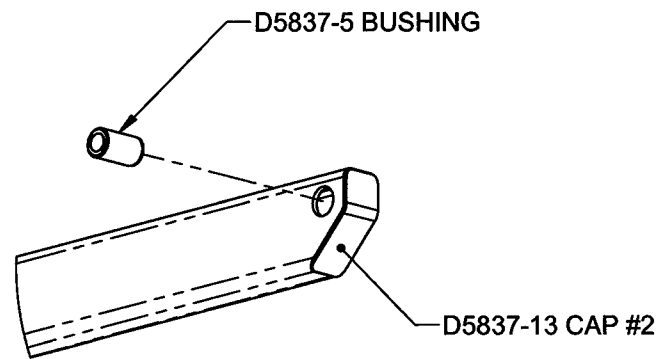
- NOTES:**
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: PER DART QSI 044
 7) WEIGHT: -042: 12.78 lbs
 -044: 12.47 lbs

RELEASED
 2021 MAY 07
 H3 ECR 21-137

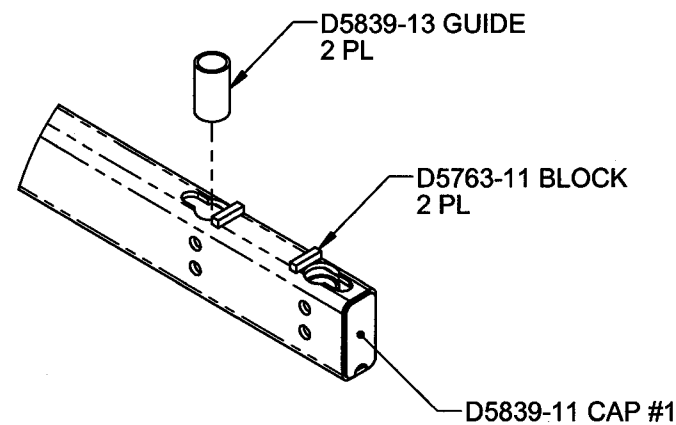
APPROVED

A	NEW ISSUE	JC	20.01.30
REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5839	SHEET 1 OF 13
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	BEAM ASSEMBLY	NTS
DATE	20.01.30	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

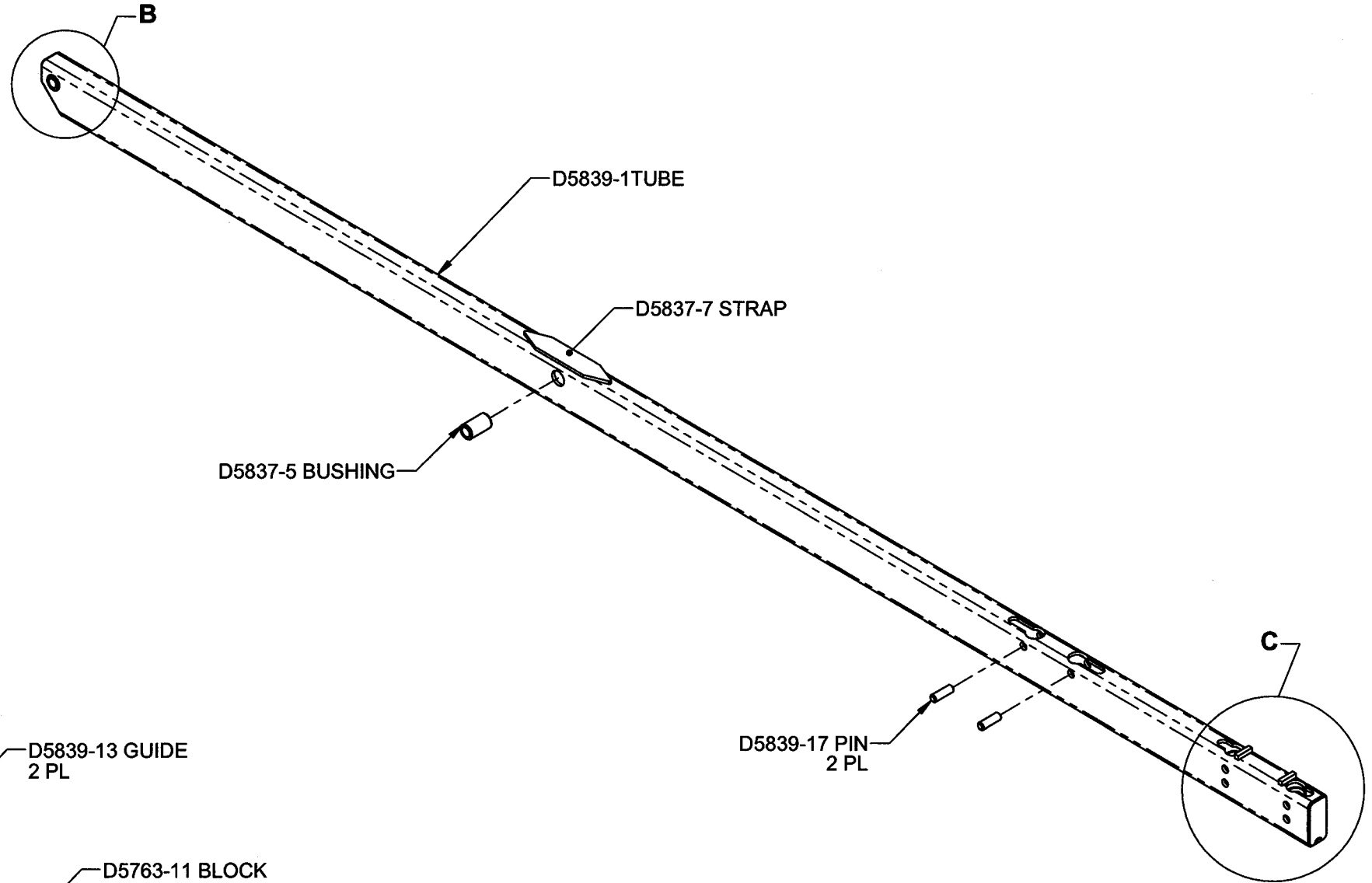
QTY -052	P/N	DESCRIPTION
X	D5839-052	FORWARD BEAM WELDMENT
1	D5839-1	TUBE
1	D5839-11	CAP #1
2	D5839-13	GUIDE
2	D5839-17	PIN
2	D5763-11	BLOCK
2	D5837-5	BUSHING
1	D5837-7	STRAP
1	D5837-13	CAP #2



DETAIL B
(ROTATED FOR CLARITY)
SCALE 1.38X



DETAIL C
SCALE 1.38X



D5839-052 FORWARD BEAM WELDMENT
(DERIVED FROM AERO DESIGN P/N 76630-01)

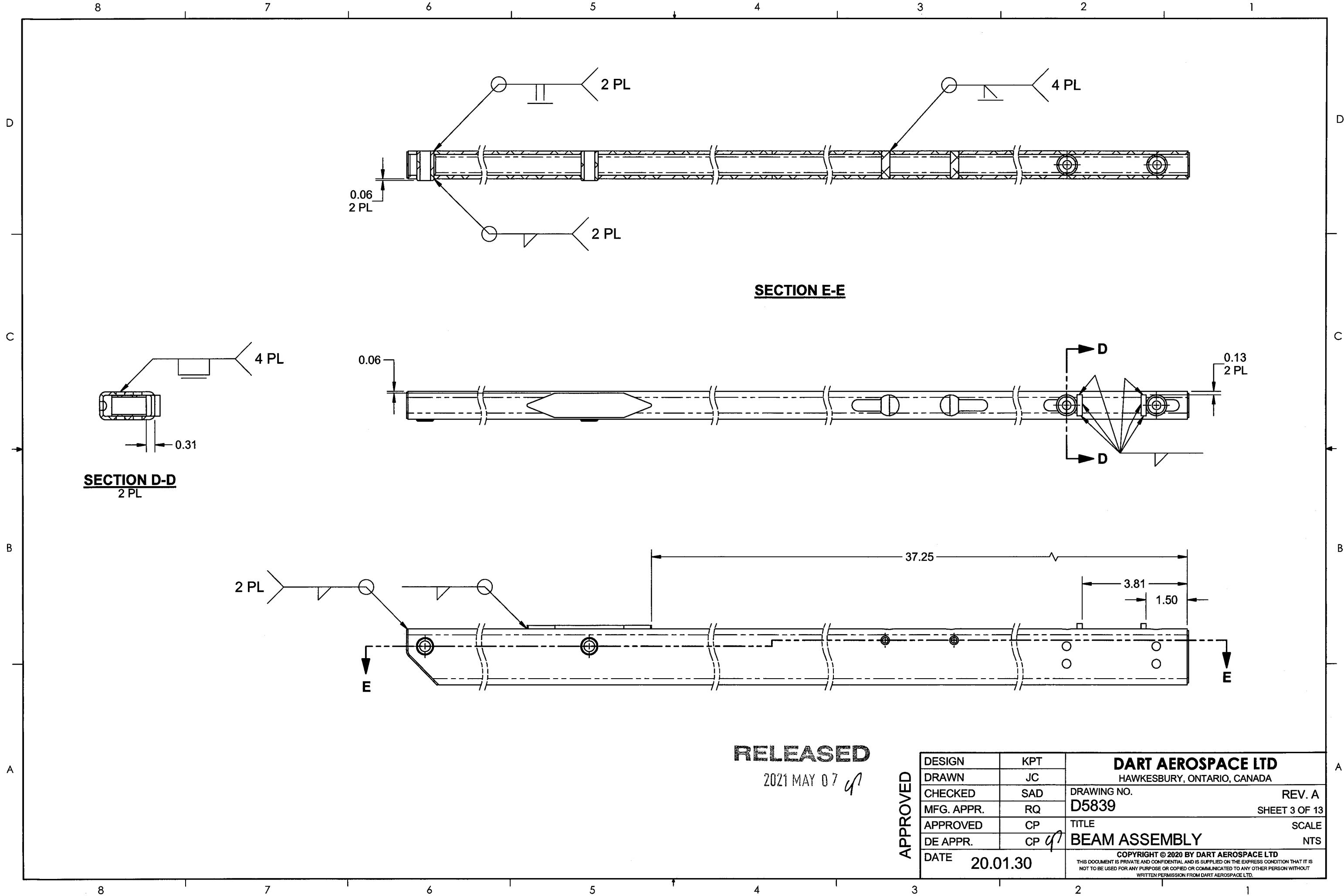
- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: WHITE GLOSS POWDER COAT PER DART QSI 005 SECTION 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER DART QSI 044
 - 7) WEIGHT: 12.66 lbs
 - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS

RELEASED

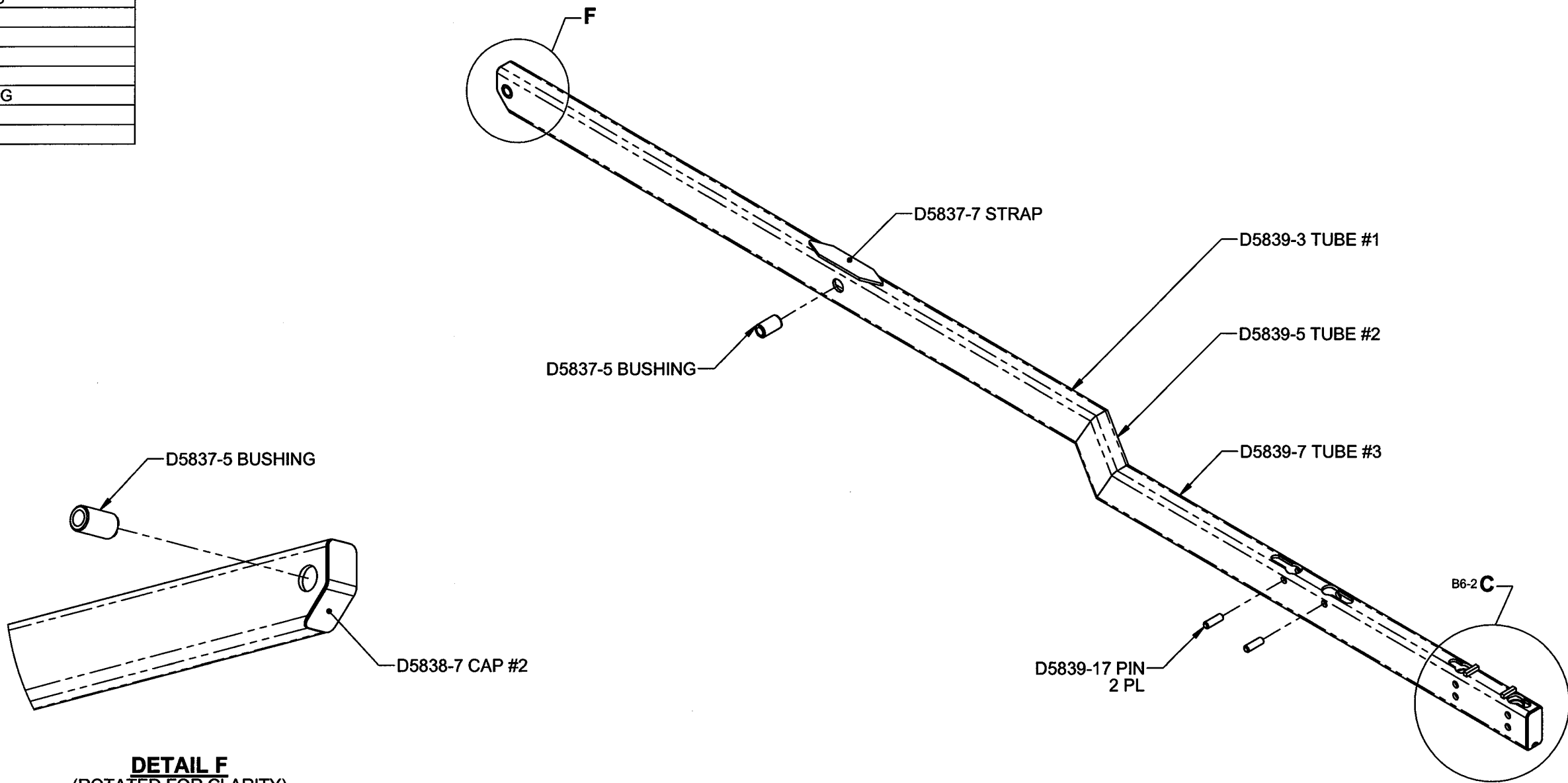
2021 MAY 07 *up*

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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. D5839	REV. A
MFG. APPR.	RQ		SHEET 2 OF 13
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>up</i>	BEAM ASSEMBLY	NTS
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QTY -054	P/N	DESCRIPTION
X	D5839-054	AFT BEAM WELDMENT
1	D5839-3	TUBE #1
1	D5839-5	TUBE #2
1	D5839-7	TUBE #3
1	D5839-11	CAP #1
2	D5839-13	GUIDE
2	D5839-17	PIN
2	D5763-11	BLOCK
2	D5837-5	BUSHING
1	D5837-7	STRAP
1	D5838-7	CAP #2



DETAIL F
(ROTATED FOR CLARITY)
SCALE 1.83X

D5839-054 AFT BEAM WELDMENT
(DERIVED FROM AERO DESIGN P/N 76630-02)

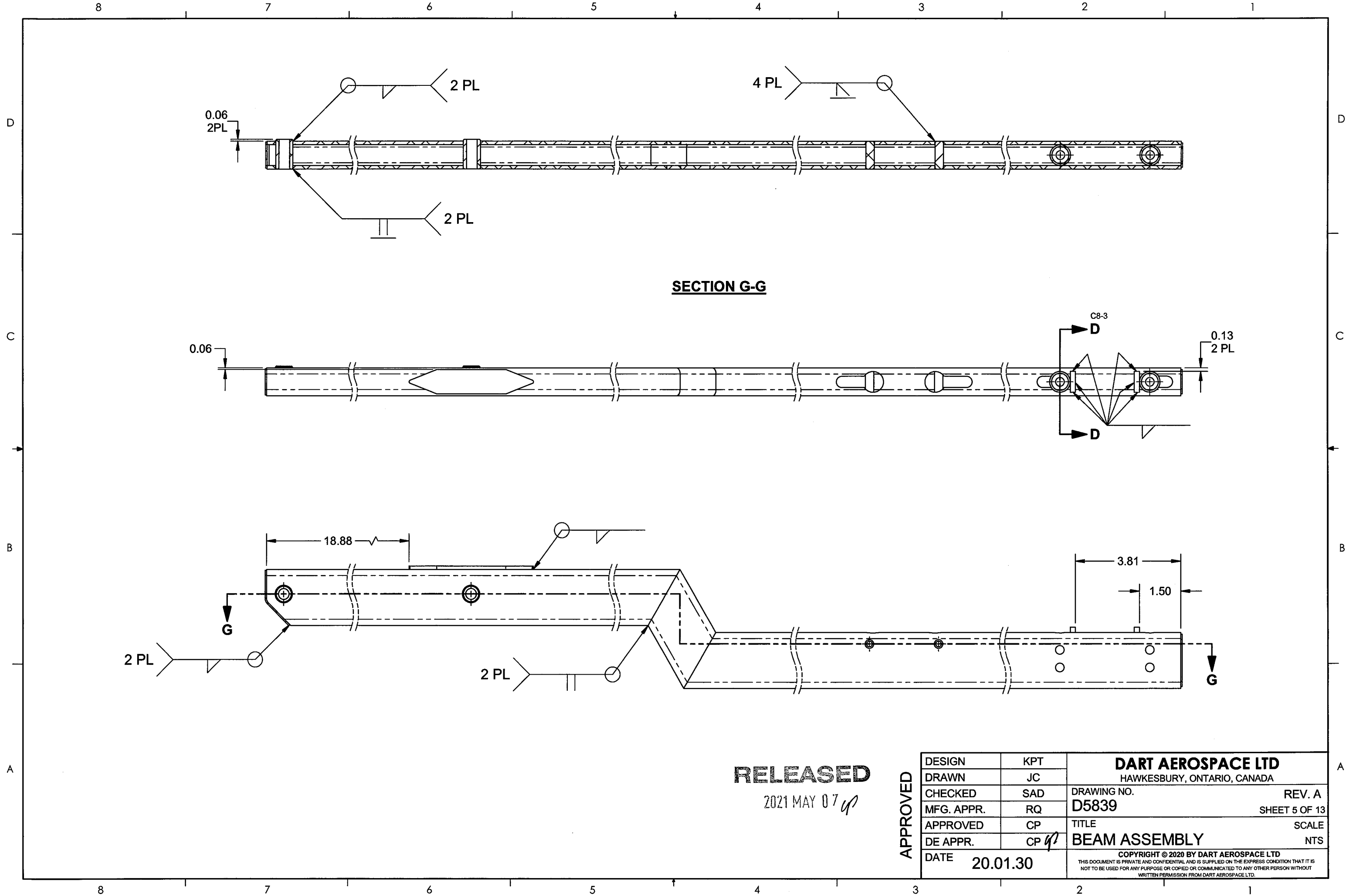
NOTES:
1) MATERIAL: N/A
2) FINISH: WHITE GLOSS POWDER COAT PER DART QSI 005 SECTION 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: PER DART QSI 044
7) WEIGHT: 12.35 lbs
8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS

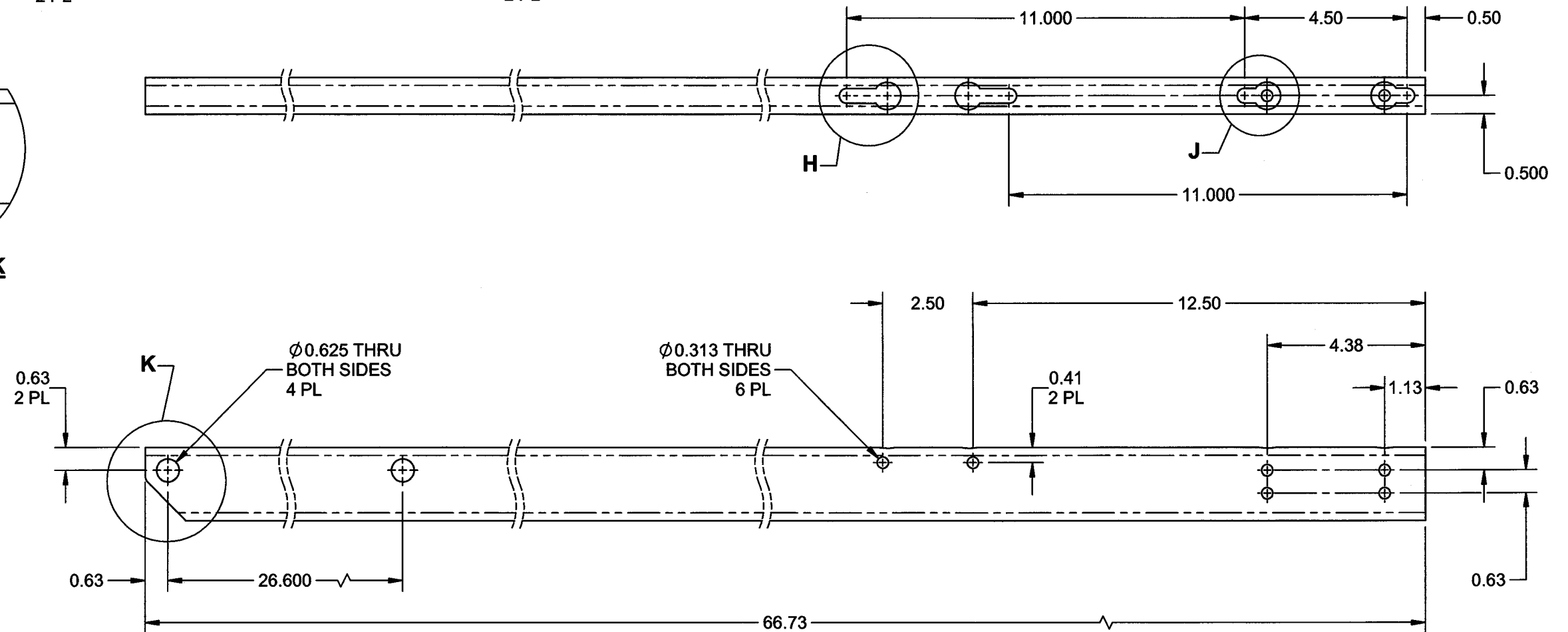
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2021 MAY 07 *qf*

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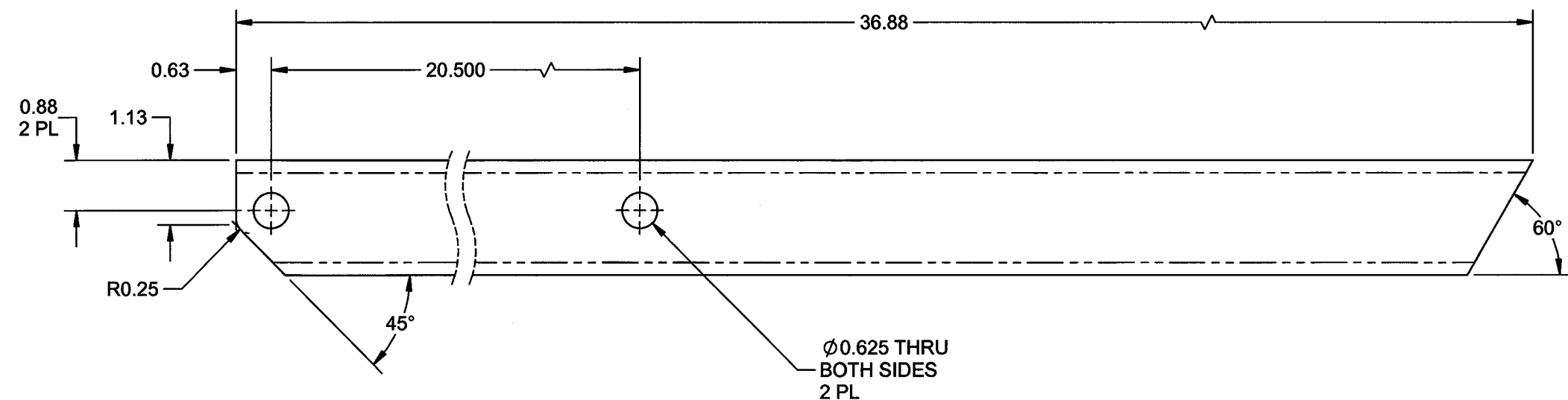
DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	JC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5839	SHEET 4 OF 13
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>qf</i>	BEAM ASSEMBLY	NTS
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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. D5839	REV. A
MFG. APPR.	RQ		SHEET 6 OF 13
APPROVED	CP	TITLE	SCALE
DE APPR.	CP 91	BEAM ASSEMBLY	NTS
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D5839-3 TUBE #1
(DERIVED FROM AERO DESIGN P/N 76630-04)

NOTES:

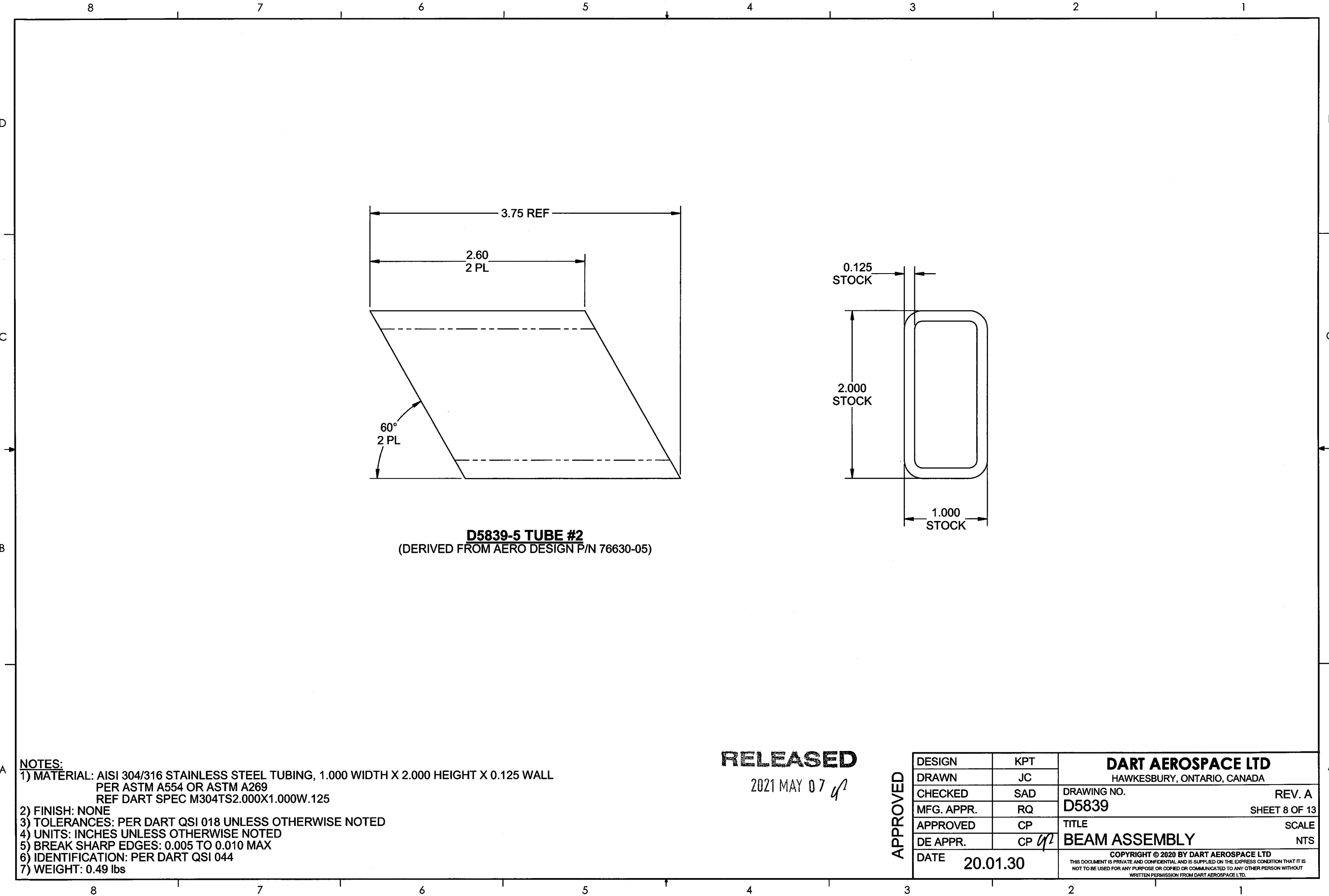
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 1.000 WIDTH X 2.000 HEIGHT X 0.125 WALL
PER ASTM A554 OR ASTM A269
REF DART SPEC M304TS2.000X1.000W.125
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 6.70 lbs

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2021 MAY 07 *af*

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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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CHECKED	SAD	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5839	SHEET 7 OF 13
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>af</i>	BEAM ASSEMBLY	NTS
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NOTES:

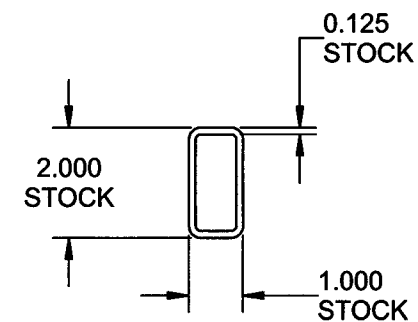
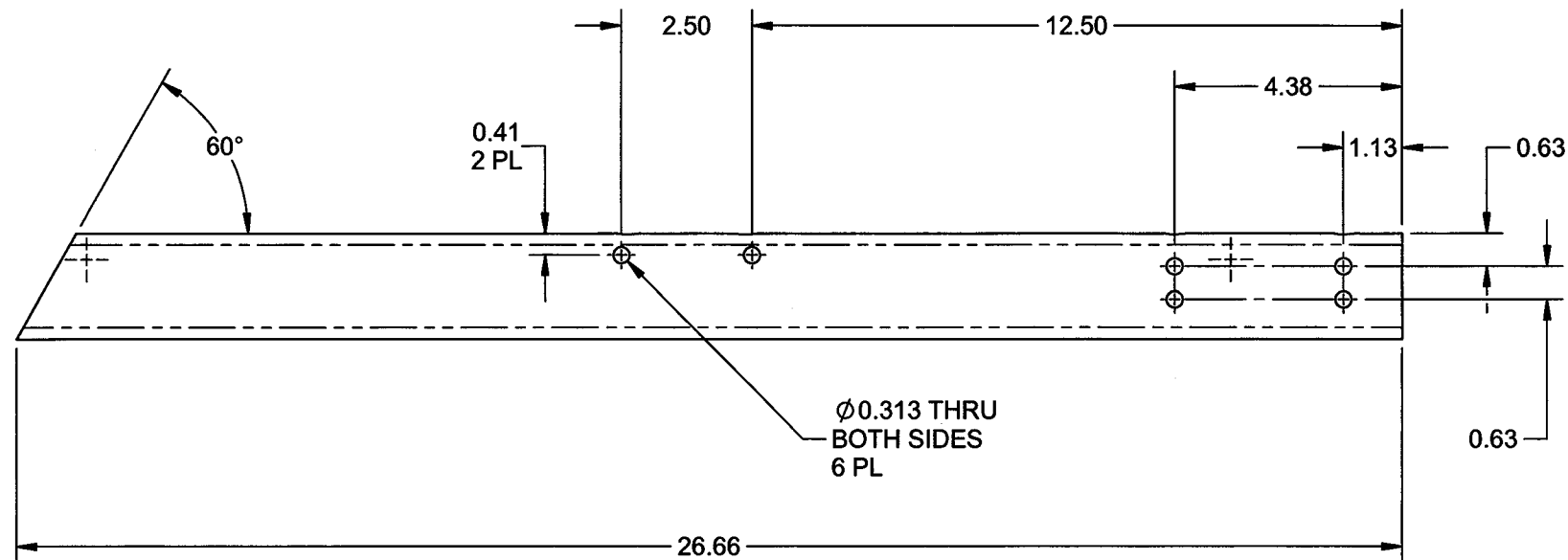
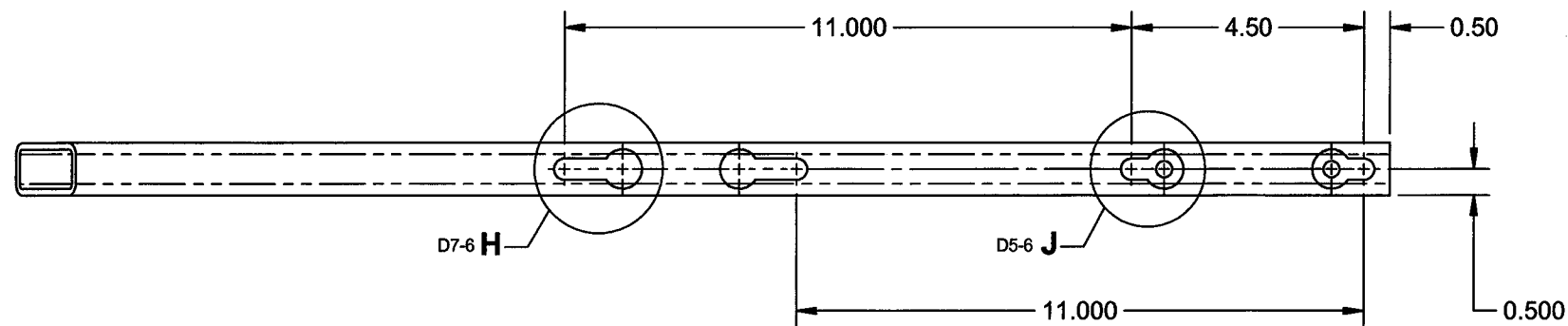
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 1.000 WIDTH X 2.000 HEIGHT X 0.125 WALL
PER ASTM A554 OR ASTM A269
REF DART SPEC M304TS2.000X1.000W.125
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.49 lbs

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2021 MAY 07

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MFG. APPR.	RQ	D5839	SHEET 8 OF 13
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D5839-7 TUBE #3
(DERIVED FROM AERO DESIGN P/N 76630-06)

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 1.000 WIDTH X 2.000 HEIGHT X 0.125 WALL
PER ASTM A554 OR ASTM A269
REF DART SPEC M304TS2.000X1.000W.125
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 4.74 lbs

RELEASED

2021 MAY 07 *47*

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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5839	SHEET 9 OF 13
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>47</i>	BEAM ASSEMBLY	NTS
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